11(4)

PHASE I BOOK EXPLO TATION

sov/2476

Aliverdizade, K.S., A.A. Daniyelyan, V. I. Dokumentov, A.K. Ibatulov, V.O. Pakhlavuni (Deceased), L.G. Chicherov, and S.V. Yurkevskiy

Raschet i konstruirovaniye oborudovaniya dlya ekspluatatsii neftyanykh skvazhin (Design and Construction of Equipment for Oil Well Exploitation) Moscow, Gostoptekhizdat, 1959. 652 p. Errata slip inserted. 3,500 copies printed.

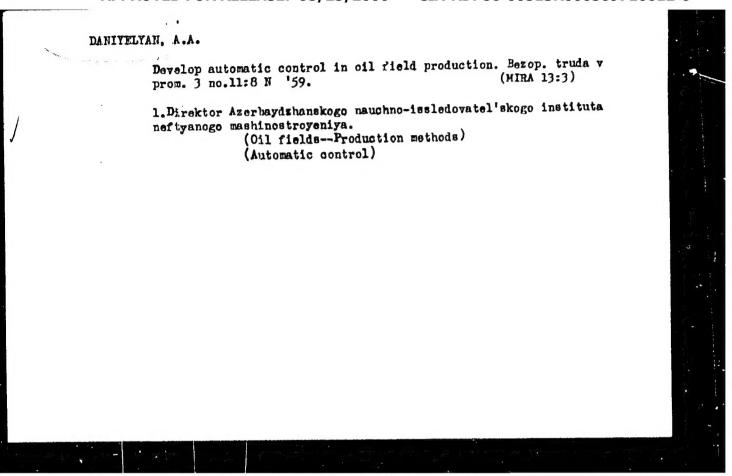
Exec. Ed.: A.A. Gor'kova; Tech. Ed.: E.A. Mukhina.

PURPOSE: This book is intended for engineers and technicians of oilfields, machine-building and repair plants, and scientific research institutes. It may also be useful to students of petroleum vuzes and departments.

COVERAGE: The authors discuss calculation and design principles of equipment used in oil well operation. In some instances the design of production equipment is also discussed. No personalities are mentioned. There are 66 references, all Soviet.

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DANIYEL/AN, A.A

ABRAMOV, M.A.; ALIVERDIZAIE, K.S.; AMIROV, Ye.M.; ARENSON, R.I.; ARSEN'TEV, S.I.; BAGDASAROV, R.M.; BAGDASAROV, G.A.; BADAMYANTS, A.A.; DANIYALYAN, G.N.; DZHAFAROV, A.A.; KAZAK, A.S.; KERCHENSKIY, M.M.; KONYUKHOV, S.I.; KRASNOBAYEV, A.V.; KURKOVSKIY, A.I.; LALAZAROV, G.S.; LARIONOV, Ye.P.; LISTENGARTEN, M.Te.; LIVSHITS, B.L.; LISIKYAN, K.A.; LOGINOVSKIY, V.I.; LYSENKOVSKIY, P.S.; MOLCHANOV, G.V.; MAYDEL'MAN, N.M.; OKHON'KO, S.K.; ROMANIKHIN, V.A.; ROSIN, I.I.; RUSTAMOV, E.M.; SARKISOV, R.T.; SKRYPNIK, P.I.; SOBOLEV, N.A.; TARATUTA, R.N.; TVCROGOVA, L.M.; TER-GRIGORYAN, A.I.; USACHEV, V.I.; FAYN, B.P.; CHICHEROV, L.G.; SHAPIRO, Z.L.; SHEVCHUK, Yu.I.; TSUDIK, A.A.; ABUGOV, P.M., red.; MARTYNOVA, M.P., vedushchiy red.; DANIYALYAN, A.A.; TROFIMOV, A.V., tekhn.red.

[Oil field equipment; in six volumes] Neftiance oborudovanie; v shesti tomakh. Moskva, Gos.nauchno-tekhn.izd-vo neft. i gorno-toplivnoi lit-ry. Vol.3. [Petroleum production equipment] Oborudovanie i instrument dlia dobychi nefti. 1960. 183 p.

(MIRA 13:4)

(Oil fields -- Equipment and supplies)

DANIYELYAN, A.A. New designs of the Azerbaijan Research Institute of Cil Machinery. Nef tyianik 5 no.9:20 S '60. (MIRA 13:9) 1. Direktor Azilmasha. (Oll fields--Equipment and supplies)

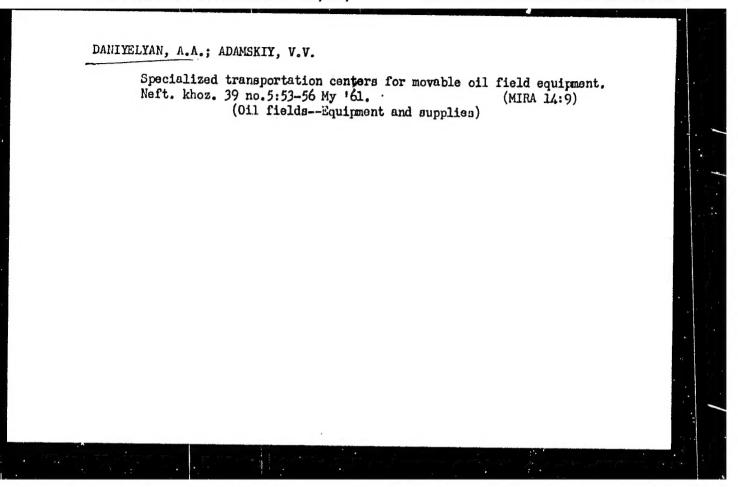
DANTYELYAN, A.A.; DADASHEV, B.A. Oil well tubing standards must further the mechanization of oil field operations. Neft. khoz. 38 no.10;26-28 0 '60. (Oil wells--Equipment and supplies) (Oil wells--Equipment and supplies)

DANIYEIYAN, Armais Avakovich; OSIPOV, K.G., red.; SOLGANIK, G.Ya., ved. red.; POLOSINA, A.S., tekhn. red.

[Drilling machines and mechanisms] Burovye mashiny i mekhanizmy.

Izd.2., dop. i perer. Moskva, Gos. nauchno-tekhn. izd-vo neft. i
gorno-toplivnoi lit-ry, 1961. 470 p. (MIRA 14:11)

(011 well drilling—Equipment and supplies)



KERSHENBAUM, Yakov Markovich, prof., doktor tekhm. nauk; YUDOLOVICH,
Mark Yakovlevich, inzh.; DANIYELYAN, A.A., kand. tekhm.nauk,
zasl. inzh. Azerbaydzhanskoy SSR, retsenzent; SOLGANIK, G.Ya.,
ved. red.; POLOSINA, A.S., tekhn. red.

[Repair and assembly of oil-field equipment] Remont i montazh
neftepromyslovogo oborudovaniia. Moskva, Gos.nauchno-tekhn.
izd-vo neft.i gorno-toplivnoi lit-ry, 1962. 395 p.

(MIRA 15:1)

(Oil fields-Equipment and supplies)

SHATSOV, N.I.; RAKOV, P.P., inzh.; AVETISOV, A.A., inzh.; DANIYELYAN, A.A.; RERLIN, S.G.; GLYADKOVA, V.I., starshiy tekhnik; KARASIK, G.Ye., inzh.

Standardized oil well drilling terminology. Neft. khoz. 40 no.5:66-69 My '62. (MIRA 15:9)

1. Gosudarstvennyy komitet Soveta Ministrov RSFSR po
koordinatsii nauchno-issledovatel'skikh rabot (for Rakov).
2. Vsesoyuznyy nauchno-issledovatel'skiy institut po tekhnike
bezopasnosti v neftyanoy promyshlennosti (for Avetisov). 3. Azerbadydzhanskiy nauchno-issledovatel'skiy institut neftyanogo mashinostroyeniya (for Daniyelyan, Berlin). 4. Bashnefteproyekt
(for Glyadkova). 5. Gosudarstvennoye ob"yedineniye Azerbaydzhanskoy
neftyanoy promyshlennosti (for Karasik).

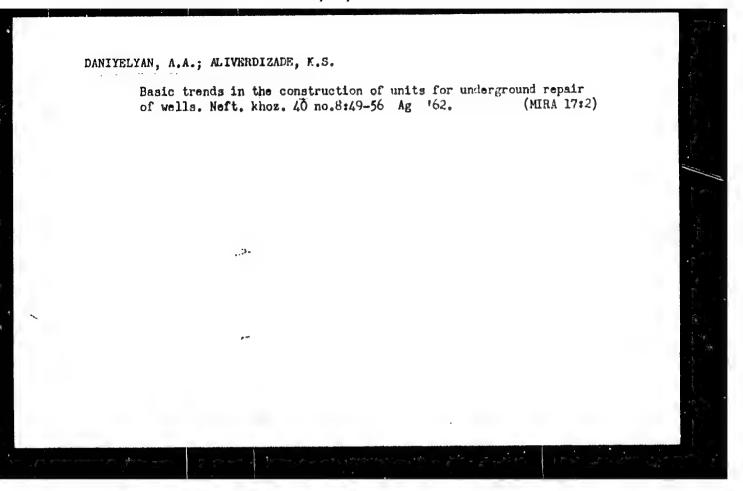
(Oil well drilling-Terminology)

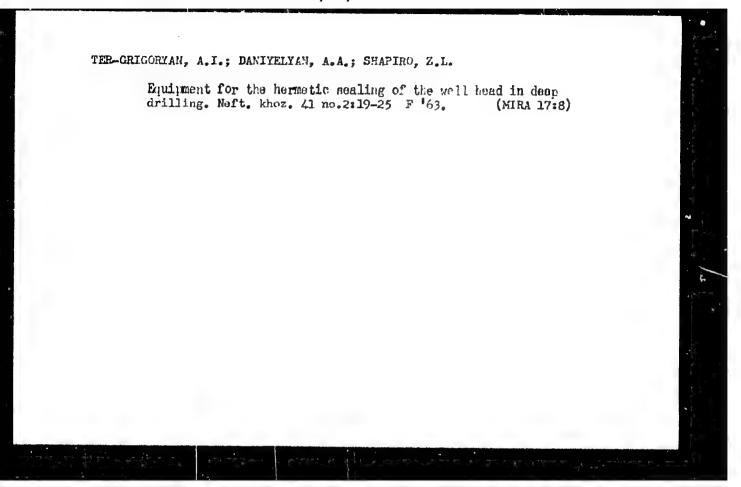
DANIXELYAN, A.A.; IBRAGIMOV, E.S.; KURRAMOV, N.G.

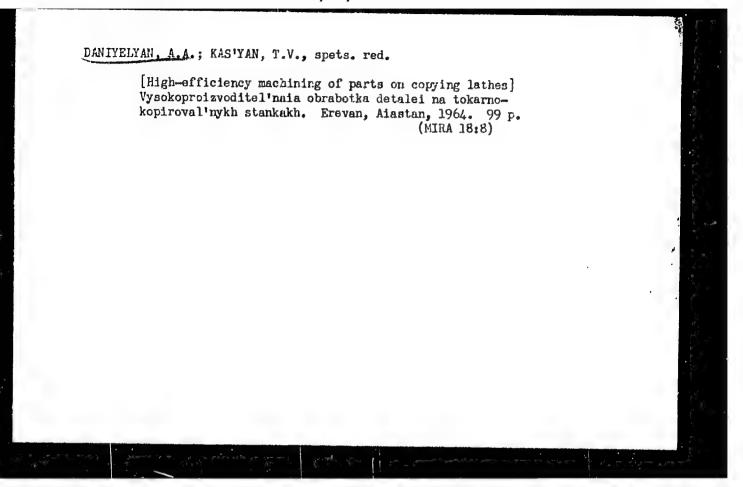
Basic trends in the over-all mechanization of extradeep well cementing. Azerb.neft.khoz. 41 no.8140-44 Ag '62.

(MIRA 16:1)

(Oil well cementing)







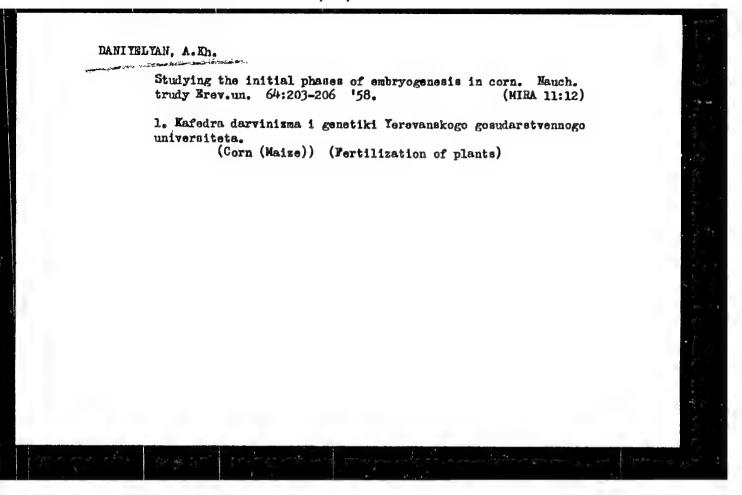
CHOLAKHYAN, D.P.; DANIYELTAN, A.Kh.

Studying the process of fertilization and the initial stages of embryogenesis in corn pollinated by different methods. Izv. AN Arm.

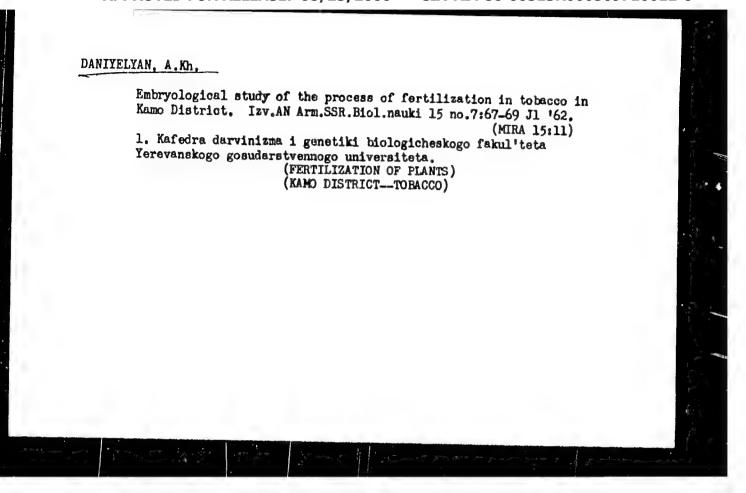
SSR Biol. i sel'khos. nauki 11 no.6:57-67 Je '58. (MIRA 11:7)

1.Kafedra Darvinizma i genetiki Yerevanskogo gosudarstvennogo universiteta.

(Corn (Maise)) (Fertilization of plants)



Effect of various pollination methods on certain stages of embryogeny in corn under conditions prevailing in the Ararat Flain. Nauch. trudy Erev. un. 69 Ser. biol nauk no. 8:155-160 pt. 1 759. (MIRA 1414) 1. Kafedra darvinizma i gənetiki Yerevanskogo gəsudarstvennogo universiteta. (ARARAT REGION—CORN EREEDING) (BOTANY—EMBRYOLOGY)



DANIFLYAN, A.M.

Rezanie metallov i instrument. Moskva. Mashgiz, 1950. 450 p. illus. Bibliography: p. 445-(447).

Metal cutting and the tool.

DLC: TJ1230.D3

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of Congress, 1953.

- 1. MITTELYTH, DR. A. H.
- 2. USSP (60%)
- 2. Hent Phenomena in Generalling, Herald of Machine Constructi n No. 12, Dec 1952

9. Compilation of Information of the USSR Machine and Machine Tools Inquity Contained in Soviet Publications.

DANIYELYAN, A.M.

PHASE I TREASURE ISLAND BIBLIOGRAPHICAL REPORT

AID 438 - I

BOOK Call No.: AF637182

Author: DANIYELYAN, A. M., Dr. of Tech. Sci.

Full Title: EFFECT OF HEAT AND THE WEAR OF TOOLS IN THE METAL ?

CUTTING PROCESS

Transliterated Title: Teplota i iznos instrumentov v protsesse rezaniya metallov

Publishing Data

Originating Agency: None

Publishing House: State Scientific and Technical Publishing House of

Literature on Mechanical Engineering

Date: 1954 No. pp.: 276 No. of copies: 5,000

Editorial Staff: The author acknowledges the collaboration of

Pevtsov, G. A., Kand. of Tech. Sci., Leont'yev, A. A., Maslennikov, V.G.,

Levin, L. M. and Lider, V. Ya. Text Data

Coverage: The book deals with problems of heat phenomena occurring in the cutting process, deformation of the metal in the zone of cutting, and the abrasion of the cutting tool. The author points out the importance of the heat effect on all main phenomena of the cutting process: deformation of metals, friction coefficient, cutting tool pressure, durability of tools, surface conditions, etc. He describes numerous tests carried out by Soviet metallurgists and bases his con-

Teplota i iznos instrumentov v protsesse rezaniya metallov AID 438 - I

clusions on data obtained from these tests. Ch. I discusses factors affecting the deformation of the metal tooled: elasticity of the metal, cutting speed, shear thickness, angle of cutting, metal hardening, shrinkage of cuttings, deepness of recess, etc. Ch. II analyses and evaluates various methods of measuring the cutting temperature. These methods are divided in three groups: (1) analytical methods; (2) indirect methods of temperature measurement relating to colors of heated metals, use of fusible agents, residual effects of temperature on the structure of the material of tools, traces of deformation left on the working surface, and calorimetry; (3) direct methods of temperature measurements: methods of thermo-couples and the radiation method. Ch.III gives general information on abrasion of metals, special features of the abrasion of cutting tools, methods of abrasion testing and a review of the most important Soviet papers on the subject treated. Ch. IV describes tests carried out by the author and other Soviet mechanical engineers in order to establish rules governing wear and heat factors when different kinds of tools are used. Ch. V discusses factors affecting the abrasion of cutting tools: cutting speed, temperature, cooling, shape of tools, etc.

The book is a result of experimental research conducted by the author over a period of years. It contains data on practical technical

2/3

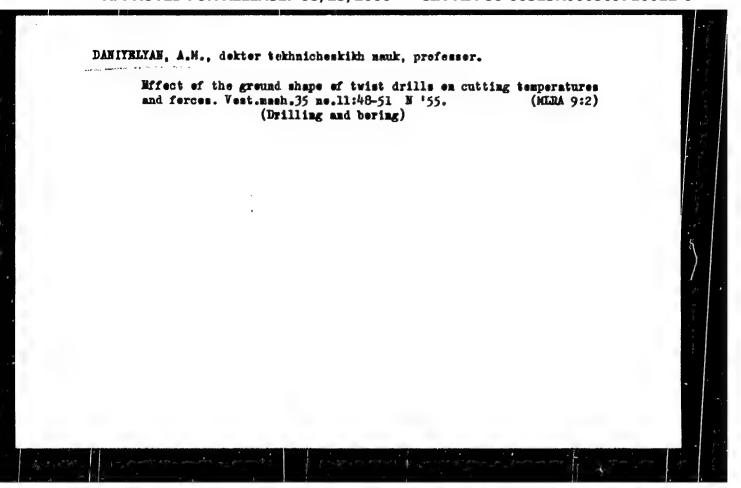
Teplota i iznos instrumentov v protsesse rezaniya metallov ATD 438 - I application. The wear formulae presented in this book were proposed by the author in his previous works. These formulae have been criticised by M. I. Klushin in his Metal Cutting (Rezaniye metallov), Moscow, 1953. A reply to this criticism is given on pp. 264-266 of the present volume. TABLE OF CONTENTS PAGES Foreword 3-4 Ch. I Deformation of the Metal in the Zone of Cutting in Relation to Conditions of Cutting and the Tool Contour and Size 5-29 Heat Phenomena in Metal Cutting Ch. II 30-95 Ch. III 96-128 Wear of the Cutting Tool Determination of Wear Conditions and Temperature Ch. IV Variations for Different Cutting Tools 129-262 Ch. V Variations in Cutting Speed with Relation to Wear and to Temperature 263-273 rpose: The book is intended for engineers of metal cutting plants, scientific workers, teachers and "Aspirants" of schools of advanced studies in mechanical engineering. Facilities: None No. of Russian and Slavic References: About 20 bibliographical footnotes. Available: A.I.D., Library of Congress. 3/3

POD'TYRMSHCHIKOVA, Yelema Kemetantimovan; DABITELYAN, A.M., doktor tekhaicheekikh mauk, professer, retsemment; ISATEV, P.P. kandidat tekhaicheekikh mauk, detsent, redaktor; SUVOROVA, I.A., redaktor; GLADEIEH,
N.N., tekhaicheekiy redaktor.

[Highspeed milling of greeves by slab mills] Skorestmee fremerevamie
pasov diskovymi fremami. Moskva, Ges.ind-ve eber.premyshl. 1955.140p.

(Milling machines)

(Milling machines)



EANIYELYAN AM.

122-1-11/34

AUTHOR: Daniyelyan, A.M., Doctor of Technical Sciences, Professor.

The heat balance in the cutting of the titanium allow BT2 (Teplovoy balans pri rezanii titanovogo splava VT2) TTTIE:

"Vestnik Mashinostroyeniya" (Engineering Journal), 1957, No.1, pp. 39 - 43 (U.S.S.R.) PERIODICAL:

ABSTRACT: Reference is made to the author's recently published work on the analysis of metal cutting processes by their heat balance and on the study of the cutting temperature as the main factor in machining. ("Teplovoy Balans Pri Rezanii Metalov" published by AN SSSR, 1955.) Experiments with the machining of a titanium alloy by tungsten carbide tipped tools are reported. A hollow cylindrical blank was clamped through a plastic cone for thermal and electrical insulation. The tool was also insulated. As in earlier work, the heat in the tool was also measured by allowing the chips to fall into a calorimetric device. The temperature in the cutting zone was measured by using the insulated blank and tool as a natural thermo-couple. The total heat was determined by measuring the vertical cutting force component and computing the power put in by the work spindle. The test results are plotted against the speed of spindle. The test results are plotted against the speed of cutting. The chip and cutting tool temperatures are compared. The heat removed by the chip is larger in steel than in

Card 1/2

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S/123/61/000/001/006/015 A005/A001

Translation from: Referativnyy zhurnal, Mashinostroyeniye, 1961, No. 1, pp. 19-20, # 1B176

AUTHOR:

Danyelyan, A. M.

TITLE:

The Thermal Balance at Cutting of Steel

PERIODICAL: V sb.: "Teplovyye yavleniya pri obrabotke metallov rezaniyem".

Moscow, 1959, pp. 106-126, 6

TEXT: The tests have been conducted with hollow cast steel ingots of $40\,\mathrm{X}$ ($40\mathrm{Kh}$) (6_b = $68\,\mathrm{kg/mm^2}$ and H_B 190) grade. In the high speed range ($v > 70\,\mathrm{m/min}$), the cutting was performed with the one-piece hard-alloy cutters of the T60K6 (T60K6) make, in the low speed range ($v < 70\,\mathrm{m/min}$), with one-piece high-speed cutters of the P18 (R18) make. The cutting temperature was measured by the natural thermocouple method. The calorimetric method was used for determining the average temperature of the chip, the cutter, and the processed part, as well as the heat supplied to them. The experiments were carried out under various conditions but with equal cutting duration. It turned out that $826\,\mathrm{fm}$ of the total heat amount is supplied to the chip at the cutting speed range up to $400\,\mathrm{m/min}$; a further in-

Card 1/2

88651 S/123/61/000/001/006/015 A005/A001

The Thermal Balance at Cutting of Steel

crease in the cutting speed leads to a decrease in the percentage of heat in the chip (at v = 700 m/min it is 70%); the heat percentage in the work piece decreases for increasing cutting speed from 20 to 350 m/min; for a further increase of speed, the heat percentage in the work piece increases; an insignificant percentage (0.7 - 8%) of the total heat amount is supplied to the cutter; the heat percentage in the cutter decreases with the cutting speed increasing from 10 to 600 m/min, for a further cutting speed increase, it increases a little. The average percentages are given characterizing the heat balance in turning the steel 40%h at the cutting speeds 20 - 50 and 100 - 350 m/min. - There are 16 figures.

I. Bernshteyn

Translator's note: This is the full translation of the original Russian abstract.

Card 2/2

S/121/61/000/012/005/007 D040/D112

AUTHORS:

Daniyelyan, A.M., and Bobrik, P.I.

TTTLE:

Peculiarities of the heat phenomena in cutting refractory

alloys

PERIODICAL:

Stanki i instrument, no. 12, 1961, 25-27

TEXT: The article describes an experimental investigation of the heat balance, i.e. the amount of heat absorbed by the chip, tool and workpiece (Cchip, Ctool, and Cworkpiece), in cutting \$1.867 (EI867) and \$1.827 (EI827) refractory alloys, which possess great mechanical strength, particularly at high temperatures. Solid cutters of \$1.8 (VK8) alloy were used in the tests. The total amount of liberated heat was determined by the value of the work expended in the cutting process. A dynamometer was used for measuring the tangential component of the cutting force; the force component in the feed direction was ignored in view of its insignificant value. Cchip, Ctool and Cworkpiece were determined by measuring the temperature of water in calorimeters of different shapes and sizes. The effect of the feed, cutting speed and cutting depth on the heat balance was studied in three separate series

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S/121/61/000/012/005/007 D040/D112

Peculiarities of the ...

of experiments. Increasing the cutting speed, increased the proportion of Chip and reduced that of workpiece and tool in both alloys, although the absolute values of all three components increased. At low cutting speeds, the quantity of heat absorbed by the chip was above 40%, a fact not previously mentioned in the literature. Increasing the feed also increased the proportion of Chip, which was partly due to the diminished contact area between the chip and the cutter, but the absolute values of Ctool and Cworkpiece also increased. The cutting depth had less effect on the heat balance expressed in % than either the feed or cutting speed, but increasing the cutting depth increased the absolute values of Cchip, Ctool and Cworkpiece to a much greater extent that increasing the feed or cutting speed. It is pointed out that the values of Ctool and Cworkpiece expressed in % were 2-3 times higher for the EI867 and EI827 alloys than for the EI437 refractory alloy. Conclusions: (1) The high percentage of heat transferred to the workpiece and the cutter is characteristic in cutting EI827 and EI867 alloys, (2) Low cutting speeds must be used in view of the high cutting temperature recorded in the tests (2-4 times above the temperature reached when cutting machinery steels), (3) The proportion (and absolute quantity) of heat

Card 2/3

S/121/61/000/012/005/007 D040/D112

Peculiarities of the ...

transferred to the chip, rises abruptly when the feed and cutting speed are increased; (4) The heat balance for the EI827 and EI867 alloys may be characterized by the following mean values when s=0.12 mm/rev and t=1.5 mm):

Heat transfer		Amount of heat in % at v (in m/min:		
		3 - 15	15 - 2.	
Into the chip	• • •	25	45	
Into the workpiece Into the cutter		45 30	35 20	

⁽⁵⁾ Measures have to be taken to lower the temperature in the cutting zone e.g. by cooling. There are 7 figures and 3 Soviet references.

Card 3/3

3/121/62/000/006/010/011 D040/D113

AUTHORS: Daniyelyan, A.M., and Gritsayenko, Yu. A.

fifth: Vibrational cutting

PLATOBICAL: Stanki i instrument, no. 6, 1962, 43-44

Mashprom (Moscow NfO Mashprom) and the Moskovskiy dom nauchno-tekhnicheskoy propagandy im. F.E. Dzerzhinskogo (Moscow House of Scientific and Technical propaganda im. F.E.Dzerzhinskiy) to discuss the development of the use of ultra-propaganda im. F.E.Dzerzhinskiy) to discuss the development of the use of ultra-sonic vibration in metal cutting. Seven reports heard at the conference are reviewed and the work done by different organizations outlined. Generally, research seems to be in the embryo stage, and any final recommendations for industry are as yet impossible. Most experiments were conducted at low cutting speed. The proper cutting speed range and the effect of ultrasonic vibration on the size of plastic deformation, the wear and durability of tools, the cutting force and temperature, the strain hardening of metal in the cutting zone, machining accuracy, surface finish, optimum vibration frequency and optimum wave orientation

Card 1/3

3/121/62/000/006/010/011 D040/D113

Vibrational cutting

have not yet been clarified. No instruments are yet available for measuring the real parameters of ultrasonic vibration in the cutting process. TSNIITMASh experimented with vibrational turning of LX18H9T (1Kh18N9T) steel; increased durability was observed only at certain vibration amplitudes where vibrations occurred at right angles to the tool surface subject to the highest wear. Metal temperature in vibrational cutting was higher than in conventional cutting, the chip shrinkage was halved, the mean cutting effort reduced, and the work surface finish improved. The same was observed in turning and reaming 2 other steels and the BT 2 (VT2) titanium alloy. Data compiled by MVTU im. Baumana (MVTU im. Batman) showed that the life of drills in drilling holes in nuts of stainless steel was trebled; even better tool life was observed in cutting heat-resistant steels with high-speed steel cutters when the vibration was perpendicular to the work surface, and the vibration amplitude was low (10/4); frequencies and amplitudes below 500 cps in work with hydraulic and electrohydraulic devices permitted dependable splitting of chips and reduced the cutting effort; the temperature dropped in certain cutting conditions. The Tul'skiy mekhanicheskiy is stitut (Tula Mechanical Engineering Institute) could raise the feed of drills

Card 2/3

DANIYELYAN, A.M. doktor tekhn.nauk, prof., zasluzhennyy dewatel' nauki i tekhniki RSFSR; PARSHIN, I.P., kand.tekhn.nauk, dotsent

Effect of the material of the cutting part and the cross section of the cutting tool on thermal deformations of the cool. Trudy MATI no.53:5-7 162. (MIRA 15:6)

(Metal-cutting tools-Testing)

15.7200

40644

S/536/62/000/053/001/002

1048/1248

AUTHORS:

Daniyelyan, A. M., Doctor of Technical Sciences, Prof., and Bobrik, P. I., Candidate

of Technical Sciences, Docent

TITLE:

Some problems of the physics of cutting of refractory alloys

PERIODICAL

Moscow. Aviatsionnyy tekhnologicheskiy institut. Trudy, no. 53, 1962, Issledovaniya v

oblasti mekhanicheskoy obrabotki metallov 8-22

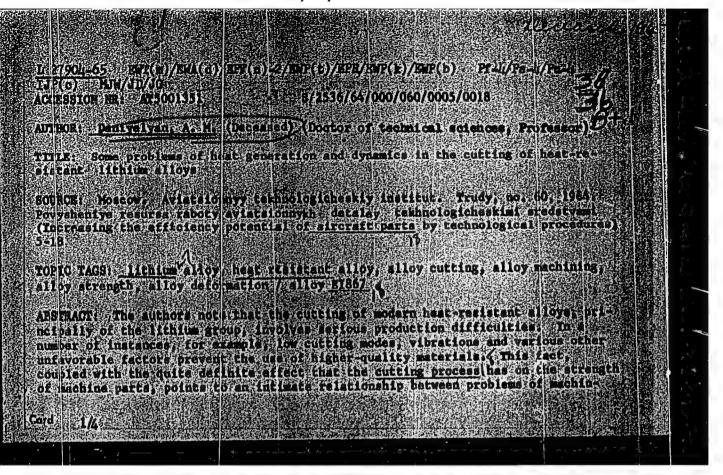
TEXT: Physical phenomena associated with the cutting of a Ni-Cr-Al alloy (alloy A) and a Ni-Cr-Al-Co alloy (alloy B) were studied. The hardness of these alloys increased after application of high pressures, e.g., the hardness on the surface of a Brinell identation impression (3000 kg. load) was 9-12 Rockwell units higher than that on the remaining surface of the specimen. The force required for cutting increased with increasing rates of feeding and was generally 2-3 times as high as that required for the cutting of conventional construction steels. The cutting force decreased sharply with increasing cutting velocity. The cutting temperature was 300-400° at a cutting velocity of 2-3 m./min., and 1000° m./min. The main factor affecting the cutting temperature was the cutting velocity; the rate of feeding and the cutting depth were of little importance. The relative amounts of heat transferred to the specimen and the cutter decrease, while that transferred to the shavings increases with increased cutting velocity. Sample values for the distribution of the heat evolved during cutting at a velocity of 3-15 m./min., a feeding of 0.12 mm./turn, and a cutting depth of 1.5 mm are to the specimen 45%, to the cutter 30%, and to the shavings 25% of the total. There are 22 figs. and 2 tables

Card 1/I

DANIXELYAN, A.M.; GRITSAYENKO, Yu.A.

Utilization of vibrations in machining. Stan.i instr. 33
no.6:43-44 Je '62. (MIRA 15:7)

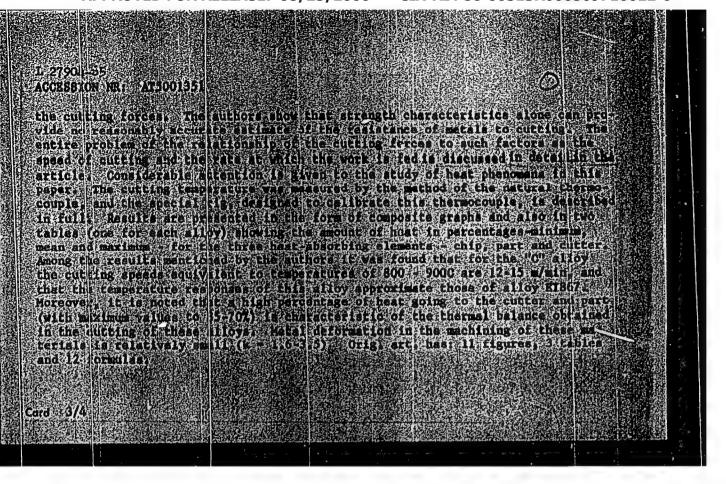
(Metal cutting—Vibration)



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ACCESSION NR: ATSOCISS

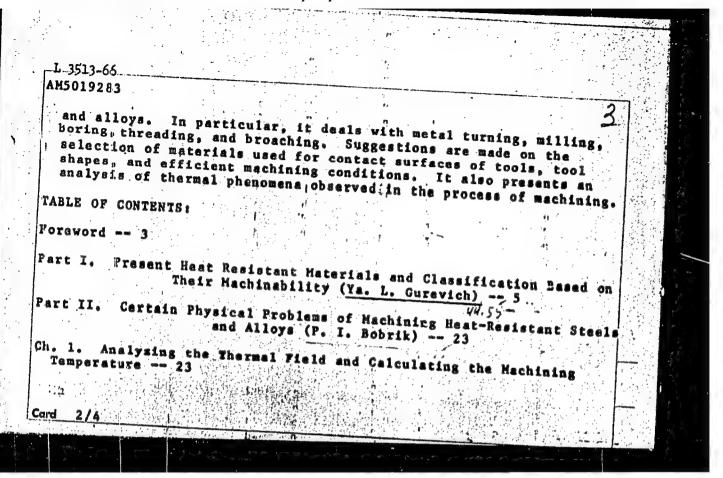
Ability and those of increasing the operational characteristics of parts many factured of heat-resistant flips, The present article deals with a study of the law biverning the dutting of two heat-resistant alloys of the lithius group, considerably ventionally designated "C and "D" if his "O" alloy being, moreover; considerably thronger than the "D" be heatloys have relatively for placticity and were machined on a type IKG2 percest chiting liths. Outers of alloy YKO error used during the lithe work is increased the relability of the results. Samples measuring 35x90 in diameter were out from case (one of the increasing measuring and DK-1 dynamosates used tomesauris the curicing forces. The heat blacker was discremined by means off in heaters with double waits, with the water imager. Accept in the calcrimaters measured by means of the first series of rests was to study the effect of the cubit ing mode on chip deforms for the samples of the authors that the low placticity of the "D" and "D" a loys would have a substantial effect both on the form of the subtrainage and on its deformation was found to be untrue; and the appricate of the shrinkage and; consequently, the deformation factor was considerably (1): 22 in the sample and; consequently, the deformation factor was considerably (1): 22 in the sample and; consequently, the deformation factor was considerably (1): 22 in the sample and; consequently, the deformation factor was considerably (1): 22 in the sample and; consequently, the deformation factor was considerably (1): 22 in the sample and; consequently, the deformation factor was considerably (1): 22 in the sample and; consequently, the deformation factor was considerably (1): 22 in the sample and; consequently, the deformation factor was considerably (1): 22 in the sample and; consequently the deformation factor was considerably.



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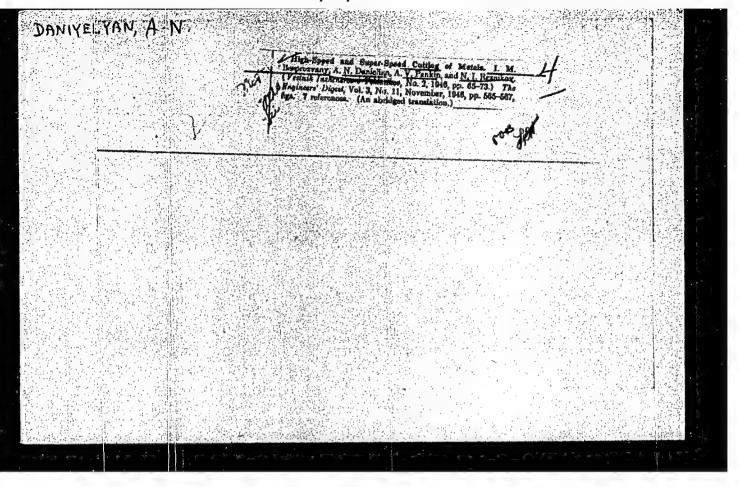
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EMT(m)/EMA(d)/EMP(t)/EMP(k)/EMP(z)/EMP(b) L 3513-66 IJP(e) JD/JQ AM5019283 BOOK EXPLOITATION UR/ ' UDK621.90:669.14.018.44 44,55 Daniyelyan, Arutyum Hkrtichevich (Doctor of Technical Sciences; Professor); Bobrik, Petr Ivanovich; Gurevich, YAnkel' Leybovich; YEggrov, Ivan Sergeyevich Machining heat-resistant steel , alloys and refractory metals (Obrabo rezaniyem zharoprochnykh staley, splavov i tugoplavkikh metallov) Moscow, Izd-vo "Mashinostroyeniye", 1965. 306 p. illus., biblio. Errata slip inserted. 5700 copies printed. TOPIC TAGS: machining, heat resistant steel machining, refractory metal machining, heat resistant alloy machining, titanium alloy machining, beryllium machining, rare metal machining PURPOSE AND COVERAGE: This book is intended for engineering personne! of machine-building plants, scientific research institutes, and engineering design bureaus. It may also be useful to students of schools of higher technical education specializing in technology. The book reviews specific technological features and aspects of various procedures of machining heat-resistant and refractory met Card 1/4



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- 2. USSR (600)
- 4. Wine and Wine making
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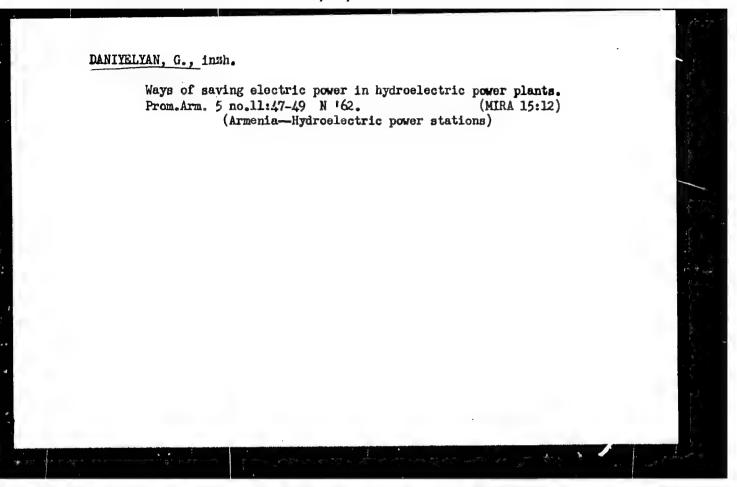
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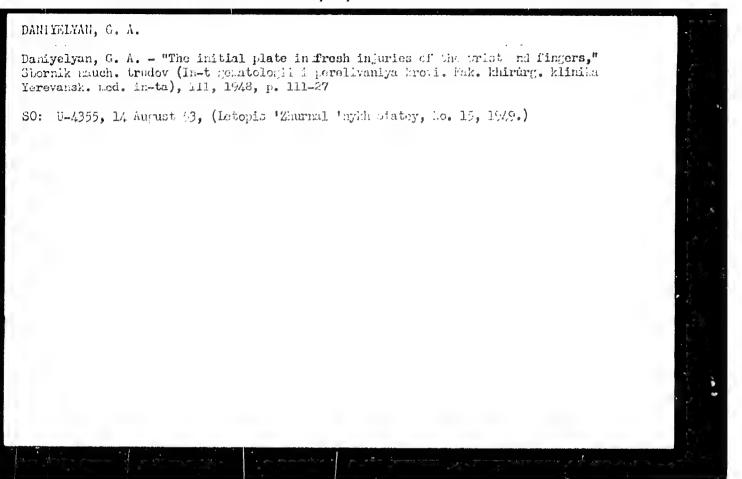
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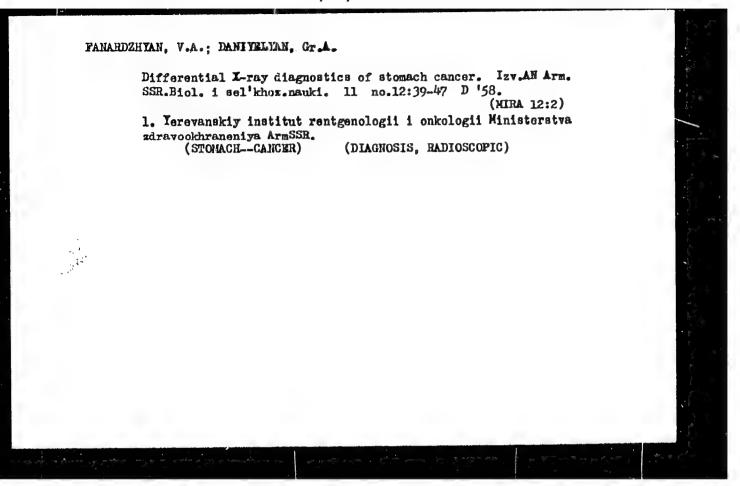
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DANIYELYAN G.A.

Ponctional Alterations of the Castro-Intestinal Tract under the Initial Various Pharmacological Preparations in Radiography FANAEDSCHIAN W.A. FAWAEBZ# jaw, V.A. DANIELJAN.G.A. DANIESEYAN, G.A. Medical

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Presented at the Minth International Congress of Andiology, Munich, 23-30 July 1959.

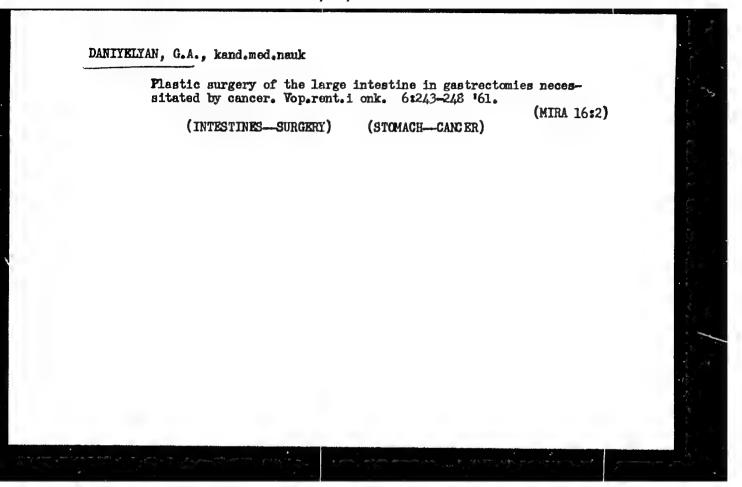
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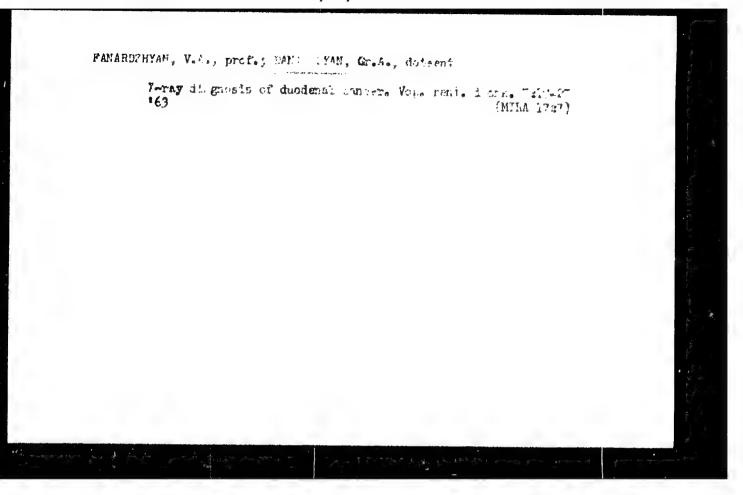
FANARDZHYAN, V.A., prof. (Yerevan, ul.Dzhrashat, 90); DANIYELYAN, G.A., kand.med.nauk

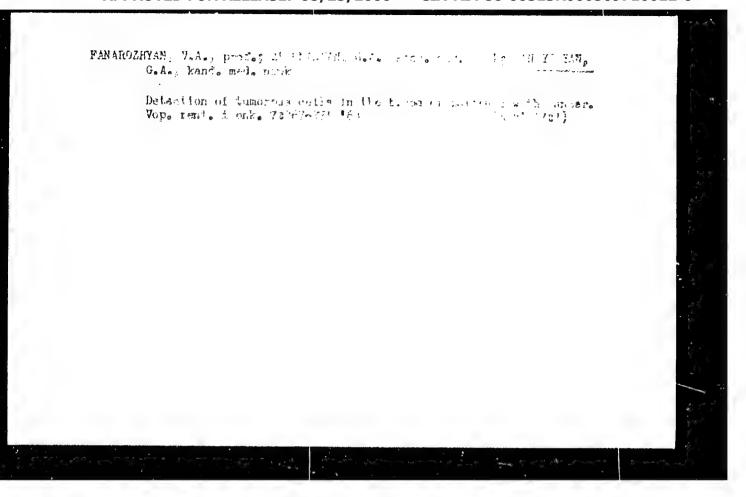
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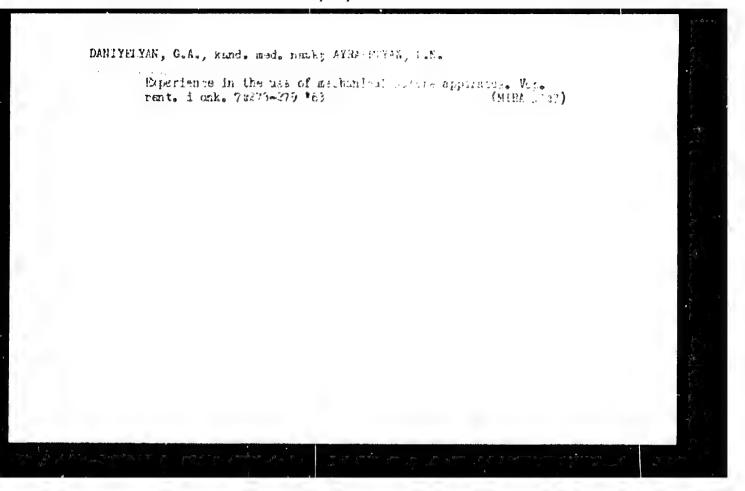
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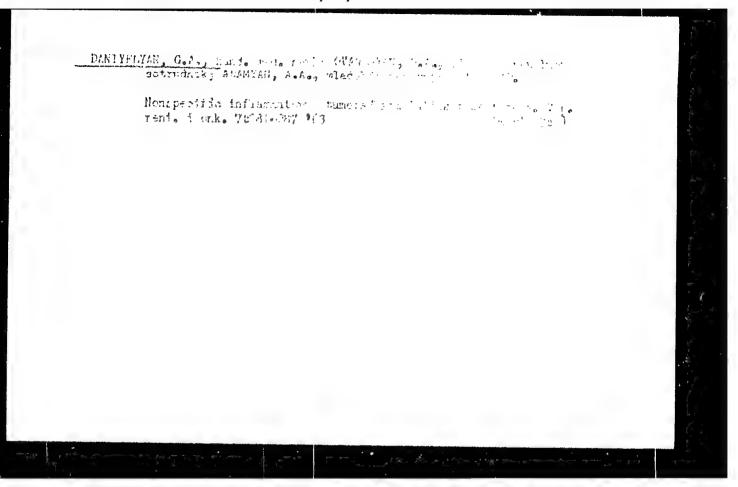
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Value of palliative operations in concer of the gastrointentinal tract and the pancreas. Vop. rant. 1 onk. 72297-103 %53 (MIRA 1722)

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Multilinear conveyor in the cutting-out department of a shoe factory. Leg.prom. 16 no.9:43-46 S '56. (MLRA 9:11) 1. Glavnyy inshener Bakinskoy obuvnoy fabriki No. 1 imeni A.I. Mikoyana (for Daniyelyan) (Baku-Shoe industry) (Conveying machinery)

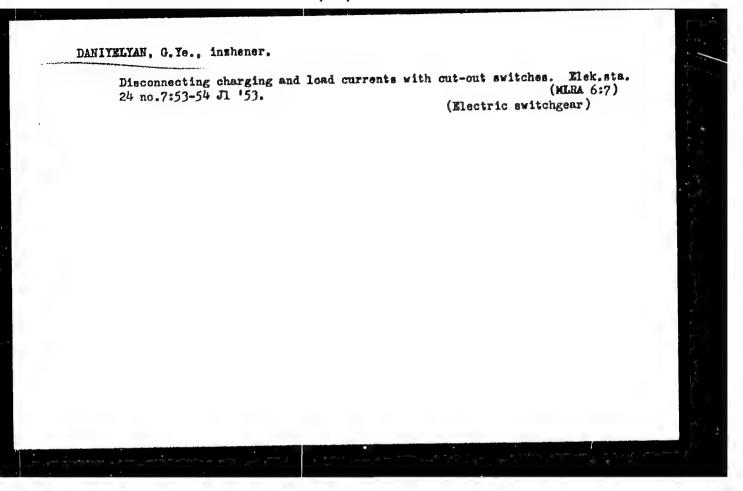
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[Oil field equipment; in six volumes] Neftiance oborudovanie; v shesti tomakh. Moskva, Gos.nauchno-tekhn.izd-vo neft. i gorno-toplivnoi lit-ry. Vol.3. [Petroleum production equipment] Oborudovanie i instrument dlia dobychi nefti. 1960. 183 p.

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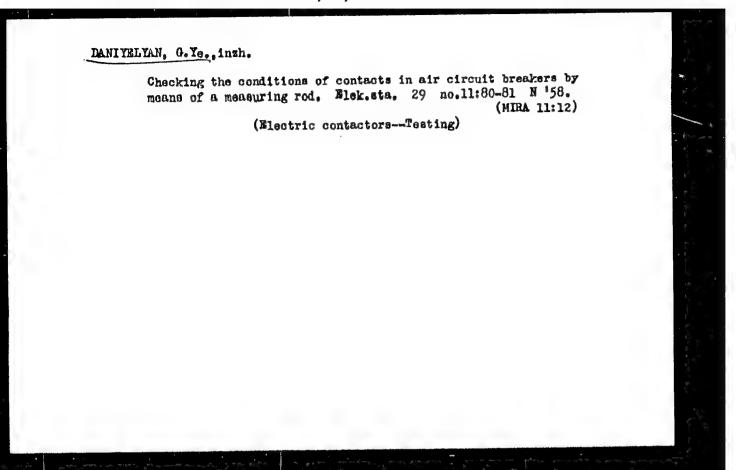
(Oil fields -- Equipment and supplies)



NIKOLAYEVA, N.V., inzhener; PAMYATNYKH, A.S., inzhener; MUSATOV, T.P., inzhener; MAKHMUROV, L.D., inzhener; DANYELIAN, G.E., inzhener; IOFFE, E.F., inzhener; GRUZDEV, A.V., TRITAMENT'IZV, D.P., inzhener; MOS'KIN, V.S., inzhener.

On the organization of service for district substations. Elek. sta.25 no.2:36-42 F '54. (MLRA 7:2)

1. Azenergo (for Nikolayeva, Pamyatnykh and Makhmurov).
2. Donbassenergo (for Musatov and Danyelian). 3. Mosenergo (for Klement'yev). 4. Gorenergo (for Ioffe, Gruzdev and Mos'kin). (Electric substations)



USSR / Forestry. Forest Management.

K

Abs Jour: Ref Zhur-Biol., No 7, 1958, 29540.

Author : Daniyelyan, I. A.

Inst : Not given.

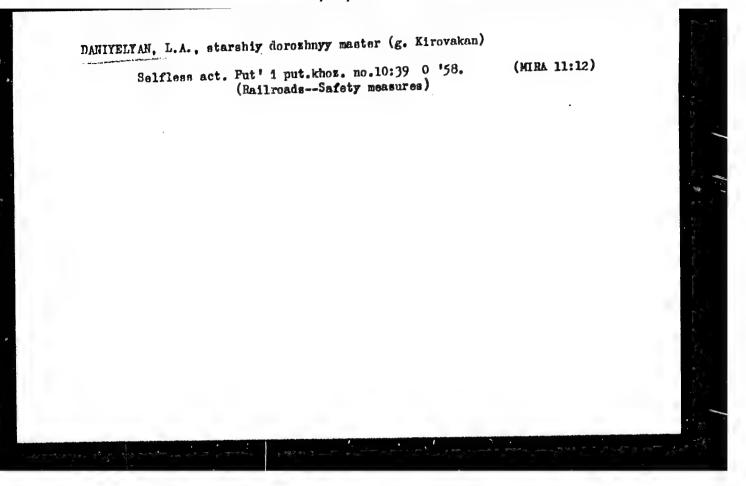
Title : Forestry in the Armenian SSR.

(Lesnoye khozyaystvo Armyanskoy SSR)

Orig Pub: Lesn. kh-vo, 1957, No 9, 14-18.

Abstract: No abstract.

Card 1/1



(MIRA 18:6)

DANIYELYAN, L.Ye.

Motion of a viscous liquid in an open channel with an arbitrary porcus bottom. Izv. AN Arm. SSR. Ser. fiz.-mat. nauk 18 no.1:

1. Yerevanskiy gosudarstvennyy universitet.

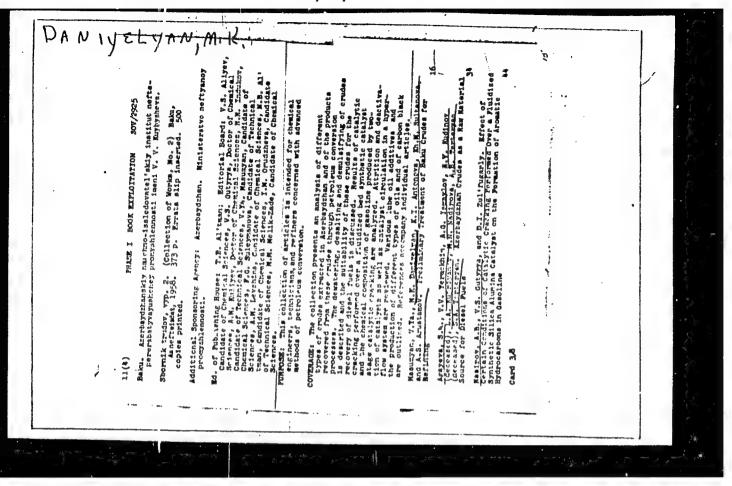
100-107 165.

Flow of a viscous fluid in an open porous channel. Izv. AN
Arm. SSR. Ser. fiz.-mat. nauk 16 no.3:83-90 '63.

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(Fluid mechanics)

(MIRA 16:8)



S07/81-59-3-28908

Translation from: Referatively zburnal, Khimiya, 1959, Nr 8, p 497 (USSR)

AUTHORS: Masumyan, V.Ya., Daniyelyan, M.K., Antonova, K.I., Sultanova, Kh.M.,

Arustamov, A.S.

TIPLE: The Preparation of Baku Petroleum for Processing

PERIODICAL: Sb. tr. Azerb, n.-i. in-t reftepererabet, prom-sti, 1958, Nr 2,

pp 16 - 33 (Azerb. summary)

ABSTRACT: A comprehensive thermomechanical process has been developed for pre-

paring Baku petroleum for processing. Demulsification is carried out at a temperature of 110 - 140°C and a pressure of up to 6 atm, and the decomposition of emulsion is carried out in a mixer, where the preliminarily heated petroleum is subjected to intensive mixing. The separation of the principal mass of drill water is carried out in the first group of dehydrators. The second mixer is fed with petrolsum,

first group of dehydrators. The second mixer is fed with petroleum, containing 2 - 3% of water, and washing water; as a result of vigorous

Card 1/2 mixing the salts pass into the washing water. The settling of the

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The Preparation of Baku Petroleum for Processing

SOV/81-59-8-28908

washing water is carried out in the second sections of the dehydrators, after which the petroleum is cooled and passes into the storage tank for the prepared petroleum. The method developed makes it possible to reduce the consumption of demulsifier by 55 - 60%.

N. Kel[?]tsev

Card 2/2

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WPHORS: Indyukov, N.M., Daniyelyan, E.K.

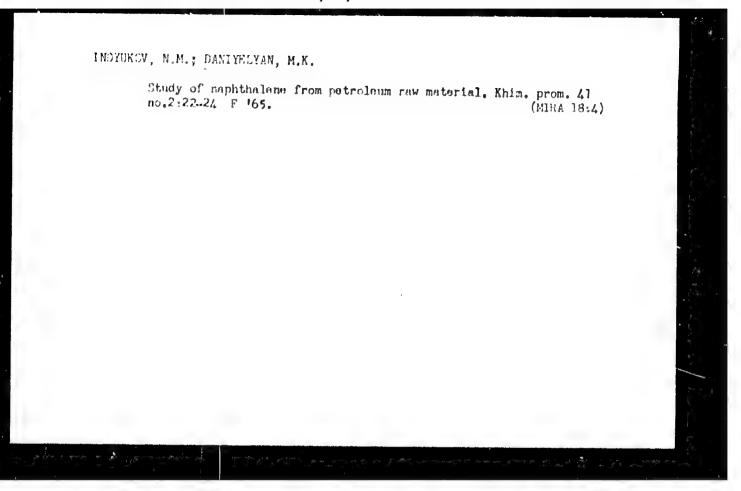
PITLE: Hydrocarbons of the naphthalene series in naphtha and

gas oils from catalytic cracking

FERTORICAL: Khimiya i tekhnologiya topliv i masel, no.1, 1963,

16-19

Vikyl naphthalenes were isolated from naphtha and light TOTAL : and heavy gas oils from catalytic cracking to satisfy the increasing industrial demand for phthalic anhydride. naphthalene hydrocarbons were isolated from aromatic portions of the oils separated on silica gel and distilled to produce 10°C cuts. Alkylnaphthalenes in the cuts were separated via picrate formation. The naphtha fractions contained naphthalone (0.59% of the original naphtha), f-methylnaphthalene (3.66%), 1,6-dimethylnaphthalene The light gas oil fractions contained dimethylnaphthal-(0.15%). enes (2.05%) and trimethylmaphthalenes (2.45%). The heavy gas oil fractions contained dimethylnaphthalenes (3.3%), trimethyl-naphthalenes (1.38%) and tetramethylnaphthalenes (1.12%). There are 5 tables. ABSUCIATION: INKhP AN Azerb SBR (INKhP AS Azerb SSR) Card 1/1



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1. DANIYELYAN, N. M.

2. USCR (600)

4. Armenia - Cak

7. Spot seeding oak in Northern Armenia. Les. khoz. 6, No. 3, 1753.

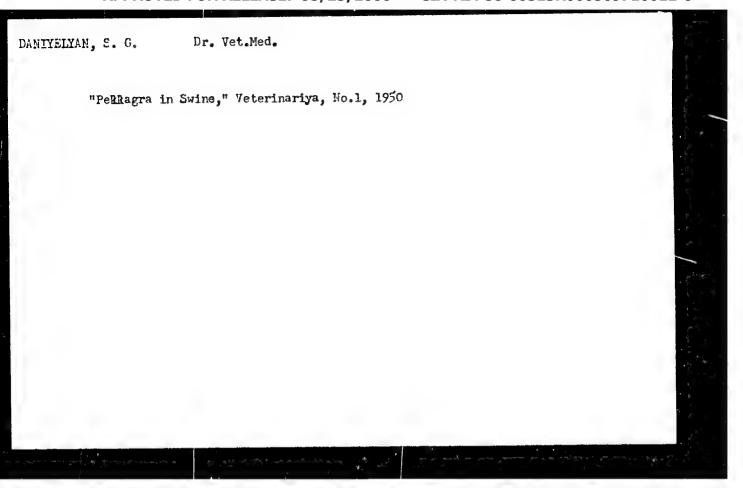
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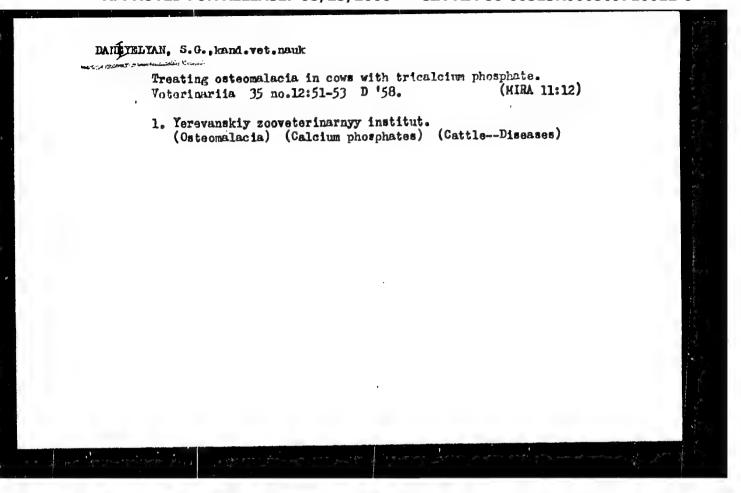
PERSHIN, G.N.; BELIKOV, G.P.; DANIYELYAN, N.M.; KATUNINA, V.I.

Antibacterial and antiviral effect of some lactones and lactams.

Zhur. mikrobiol., epid. i immun. 41 no.3:103-114 Mr 164.

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KIPICHENKO, N. I., kand. geologo-mineralogicheskikh nauk;

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Gidr. stroi. 33 no.12:18-22 D '62. (MIRA 16:1)

(Chirkey Hydreelectric Power Station-Limestone-Testing)

DANIYELYANTS. Armois Avekovich; YURKEYSKIY, S.V., prof., doktor tekhn.

neuk, red.; AL'TMAN, T.B., red.iad-va

[Studying the loading in repairing directional wells during
holsting operations] Isoledovanie nagrusok pri remente naklonnykh skvazhin; v protessas epusko-pod"smykh operatsii. Baku,
Azerbaidzhenskoe gos.izd-vo neft. i nauchno-tekhn.lit-ry, 1959.

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(Hoisting machinery)

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RFENDIYEV, G.B.; MELIKOV, M.M.; ASHRAFOV, M.A.; DANITELYANTS, A.A.

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neft. khoz. 39:28-31 Ap *60. (MIRA 13:11)
(Azerbaijan--Oil fields--Equipment and supplies)

*

DANYS, J., med.m. dr.; SKUCAITE, O., doc.; DAN LENE, St.; OSTRAUSKIENE, S.;

DRAUGELIE:E, D.; MILASAUSKIE:E, M.; LUKOSEVICIUTE, A.; KATILIENE, G.; KABASINSKIENE, G.

> The perspectives in further rheumatism control. Sveik. apsaug. 8 no.12:32-35 D163.

1. Kauno Valst. medicinos institutas. (rektorius - prof. Z. Januskievicius) ir Respublikine Kauno klinine ligonine (vyr.gyd. - doc. P. Jasinskas).

V. DANK

"The brown coal basin of Herend-Szentgal." p. 13 (FOLDTARI KOZLOW, STLLETIN OF THE HUNGARIAN GLOLOGICAL SOCIETY, Vol. 83, no. 1/3, Jan./Mar. 1753, Budapest, Hungary)

SO: Monthly List of East European Accessions, L.C., Vol. 2 No. 7, July 1953, Uncl.

DANK, V.

Geologic results and economic outlook of deep-structure investigations on the anticline of Budafapuszta. p. 541.

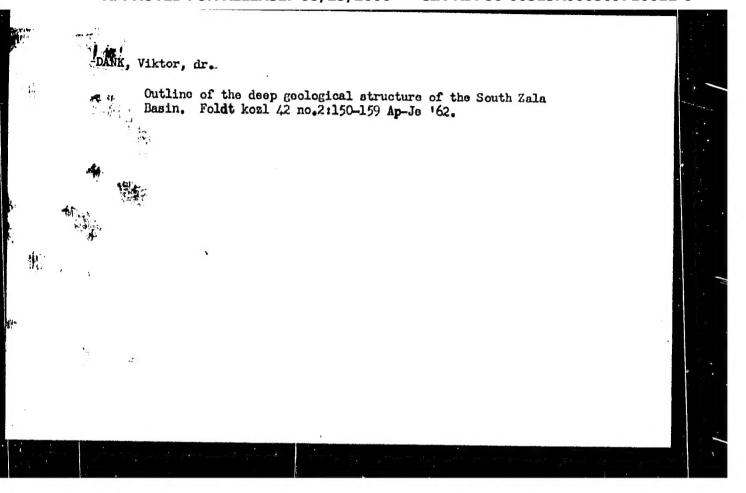
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